

In the Claims

1. (cancelled)

2. (cancelled)

3. (currently and previously amended) ~~A The method of claim 1, for comparing~~

5 athletic performance between multiple persons, comprising:

~~the step of coupling comprising attaching a mobile speed sensor to~~ with each of the
persons;

downloading data generated by the mobile speed sensor to an Internet-accessible
database; and

10 processing the data to compare athletic performances of the multiple persons, wherein
Internet users may review comparisons by accessing the database through the
Internet.

4. (currently and previously amended) ~~A The method of claim 1, for comparing~~
athletic performance between multiple persons, comprising:

15 ~~the step of coupling comprising attaching an mobile~~ airtime sensor to with each of the
persons;

downloading data generated by the mobile airtime sensor to an Internet-accessible
database; and

20 ~~the step of processing the data comprising to comparing airtimes between each of the~~
multiple persons, wherein Internet users may review comparisons by accessing the database
through the Internet.

5. (currently and previously amended) ~~A The method of claim 1, for comparing~~
athletic performance between multiple persons, comprising:

25 ~~the step of coupling comprising attaching a mobile drop distance sensor to~~ with each of
the persons;

downloading data generated by the mobile drop distance sensor to an Internet-accessible
database; and

30 ~~the step of processing the data comprising to comparing drop distances between each~~
of the multiple persons, wherein Internet users may review comparisons by accessing the
database through the Internet.

6. (currently and previously amended) ~~A The method of claim 1, for comparing~~
athletic performance between multiple persons, comprising:

~~the step of coupling comprising attaching a mobile power sensor to~~ with each of the
persons;

5 downloading data generated by the mobile power sensor to an Internet-accessible
database; and

processing the data to compare athletic performances of the multiple persons, wherein
Internet users may review comparisons by accessing the database through the Internet.

7. (previously amended) The method of claim 6, the mobile power sensor
10 determining an amount of energy expended by each of the persons during athletic activity.

8. (previously amended) The method of claim 6, the mobile power sensor
determining an aggressiveness corresponding to motion of each of the persons during athletic
activity.

9. (previously amended) The method of claim 8, the step of coupling comprising
15 attaching the mobile sensor to each of the persons as a watch.

10. (currently and previously amended) ~~A The method of claim 1, for comparing~~
athletic performance between multiple persons, comprising:

~~the step of coupling comprising attaching a mobile speed sensor to each of the persons;~~
downloading data generated by the mobile speed sensor to an Internet-accessible
20 database; and

~~the step of processing the data comprising to comparing forward velocity of each of~~
the multiple persons, wherein Internet users may review comparisons by accessing the database
through the Internet.

11. (currently and previously amended) ~~A The method of claim 1, for comparing~~
25 athletic performance between multiple persons, comprising:

coupling a mobile sensor with each of the persons, including the step of coupling
~~comprising~~ attaching a mobile sensor to a non-motorized vehicle ridden on by at least one of the
persons;

downloading data generated by the mobile speed sensor to an Internet-accessible
30 database; and

processing the data to compare athletic performances of the multiple persons, wherein Internet users may review comparisons by accessing the database through the Internet.

12. (cancelled)

13. (cancelled)

5 14. (currently and previously amended) ~~A The method of claim 1, for comparing athletic performance between multiple persons, comprising:~~
coupling a mobile sensor with each of the persons;
downloading data generated by the mobile sensor to an Internet-accessible database; and

10 ~~the step of processing the data, including comprising-determining a power spectral density of the data, to compare athletic performances of the multiple persons, wherein Internet users may review comparisons by accessing the database through the Internet.~~

15. (previously amended) A method for assessing athletic performance of a user through a sport implement, comprising the steps of:

integrating a sensing unit with the sport implement so that the sensing unit is non-

15 interfering with normal operation of the sport implement, the sensing unit having at least one sensor within a housing of the sensing unit;

processing data from the sensor and within the sensing unit when operated by the user;
and

20 wirelessly transmitting the processed data to a remote receiver, the processed data being indicative of the athletic performance of the user.

16. (previously amended) The method of claim 15, the sensing unit reporting the athletic performance to a watch worn by an individual.

17. (previously amended) The method of claim 15, the sensor comprising an accelerometer.

25 18. (previously amended) The method of claim 17, the step of integrating comprising integrating the sensing unit within a playing ball selected from the group consisting of a soccer ball, a basketball, a football, and a volleyball.

19. (previously amended) The method of claim 15, the step of integrating comprising integrating the sensing unit within a body of a tennis racquet.

30 20. (previously amended) The method of claim 19, the step of processing data comprising determining an impact of the tennis racquet.

21. (previously added) The method of claim 15, the step of processing data comprising determining performance data, the processed data comprising performance data and being selected from the group consisting essentially of power, airtime, speed and drop distance.

22. (previously added) The method of claim 15, the step of integrating a sensing unit comprising integrating the sensing unit into one of a ski, snowboard, mountain bike, windsurfer, windsurfer mast, roller blade boot, skate-board, boot, ice skate, ski pole, wake board and kayak.

23. (currently and previously amended) A The method of claim 1, for comparing athletic performance between multiple persons, comprising:

the step of coupling comprising attaching a mobile altimeter to each of the persons;

downloading data generated by the mobile altimeter to an Internet-accessible database;

the step of processing the data comprising to comparing altitude variation between

each of the multiple persons, wherein Internet users may review comparisons by accessing the database through the Internet.

24. (cancelled)

25. (cancelled)

26. (previously added) The method of claim 15, the housing comprising material of the sport implement.

27. (cancelled)